



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/748,520  
Applicant : SPITSBERG, *et al.*  
Filed : DECEMBER 30, 2003  
Title : CERAMIC COMPOSITIONS USEFUL IN THERMAL BARRIER COATINGS  
HAVING REDUCED THERMAL CONDUCTIVITY

Art Unit : 1775  
Examiner : MCNEIL, JENNIFER C.

Atty Docket No. : 129968

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AFTER FINAL REJECTION PURSUANT TO 37 CFR 1.116(b)**

Dear Madam:

In response to the Office Action (made FINAL) mailed December 12, 2005 for the above application, the period of response to which is set to expire on March 12, 2006, please amend the above application as indicated below. Applicants submit there are good and sufficient reasons, in accordance with 37 CFR 1.116(b), for entering these amendments. In particular, in view of the following remarks, it is believed these amendments will put the above application in better condition for allowance or appeal.

Applicants' respectfully request prompt issuance of a Notice of Allowance or an Advisory Action by the Examiner, as the present amendment is being timely filed on or before two months of the mailing date of the Final Action (i.e., on or before February 12, 2006). See MPEP 706.07(f)). Applicants' representative, Eric W. Gutttag, also respectfully requests a telephone conference in the event the Examiner has any questions, comments or suggestions that would place any pending claim not in allowable form in better condition for allowance. Applicant's representative may be reached directly at 513-856-7272.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.



ZW  
AF

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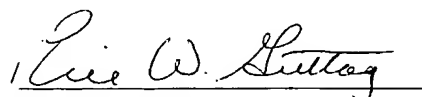
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Madam:

The below-identified communication(s) is (are) submitted in the above-captioned application or proceeding:

- ☒ Amendment After Final Rejection
- ☒ Amendment Fee Transmittal and Authorization to Charge Deposit Account
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. §§ 1.16 and 1.17 or credit any overpayment to **Deposit Account Number 10-0233-GEAE-0032-UTY.**

Respectfully submitted,



Eric W. Gutttag  
Registration Number 28,853

**JAGTIANI + GUTTAG**  
Democracy Square Business Center  
10363-A Democracy Lane  
Fairfax, Virginia 22030  
(703) 591-2664

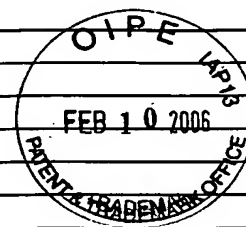
February 10, 2006

# Patent Fee Transmittal for FY 2006

☐ Applicant(s) Claims Small Entity Status 37 C.F.R. 1.27

**TOTAL AMOUNT OF PAYMENT** **\$0.00**

Application No. 10/748,520  
Filing Date 30-Dec-03  
Named Inventor SPITSBERG, et al.  
Examiner Name McNEIL, Jennifer C.  
Art Unit 1775  
Attorney Docket No. 129968



## FEE CALCULATION

### 1. Filing Fees

Application Type	Description	Large Entity		Small Entity		Paid
		Code	(\$)	Code	(\$)	
Utility	<input type="checkbox"/> Basic	1011	300	2011	150	\$ -
	<input type="checkbox"/> Examination	1311	200	2311	100	\$ -
	<input type="checkbox"/> Search	1111	500	2111	250	\$ -
Design	<input type="checkbox"/> Basic	1012	200	2012	100	\$ -
	<input type="checkbox"/> Examination	1312	130	2312	65	\$ -
	<input type="checkbox"/> Search	1112	100	2112	50	\$ -
Plant	<input type="checkbox"/> Basic	1013	200	2013	100	\$ -
	<input type="checkbox"/> Examination	1313	160	2313	80	\$ -
	<input type="checkbox"/> Search	1113	300	2113	150	\$ -
Reissue	<input type="checkbox"/> Basic	1014	300	2014	150	\$ -
	<input type="checkbox"/> Examination	1114	600	2114	300	\$ -
	<input type="checkbox"/> Search	1314	500	2314	250	\$ -
Provisional	<input type="checkbox"/> Basic	1005	200	2005	100	\$ -
National Stage	<input type="checkbox"/> Basic	1631	300	2631	150	\$ -
	<input type="checkbox"/> Examination	1633	200	2633	100	\$ -
	<input type="checkbox"/> Search	1632	500	2632	250	\$ -

### 2. Extra Claim Fee

#### a. Claims as Filed

		Extra Claims	
Total Claims	0	- 20 =	0
Independent	0	- 3 =	0
Multiple Dependent			

Large Entity		Small Entity		Paid
Code	(\$)	Code	(\$)	
1201	50	2201	25	\$ -
1202	200	2202	100	\$ -
1203	360	2203	180	\$ -

#### b. Claims as Amended

		Present Extra	
After Amnt	Highest Paid	*	
0	0	*	0
0	0	**	0
First Presentation of Multiple Dependent			
* Less than 20, enter 20 ** Less than 3, enter 3			

Large Entity		Small Entity		Paid
Code	(\$)	Code	(\$)	
1201	50	2201	25	\$ -
1202	200	2202	100	\$ -
1203	360	2203	180	\$ -

### 3. Extra Page Fee

Total Pages		Extra Pages	
0	-100	0	x
Subtotal for Application Fees			
1	\$ -	2	\$ -
3	\$ -	= \$ -	

Large Entity		Small Entity		Paid
Code	(\$)	Code	(\$)	
1081	250	2081	125	\$ -

### 4. Additional Fees

Description	Large Entity		Small Entity		Paid
	Code	(\$)	Code	(\$)	
Extension for response first month	1251	120	2251	60	\$ -
Extension for response second month	1252	450	2252	225	\$ -
Extension for response third month	1253	1,020	2253	510	\$ -
Extension for response fourth month	1254	1,590	2254	795	\$ -
Extension for response fifth month	1255	2,160	2255	1,080	\$ -
Notice of Appeal	1401	500	2401	250	\$ -
Filing a Brief in Support of an Appeal	1402	500	2402	250	\$ -
Request for Oral hearing	1403	1,000	2403	500	\$ -
Petitions under 1.17(f)	1462	400	1462	400	\$ -
Petitions under 1.17(g)	1463	200	1463	200	\$ -
Petitions under 1.17(h)	1464	130	1464	130	\$ -
Petition - public use proceeding	1451	1,510	1451	1,510	\$ -
Petition to Revive - Unavoidable	1452	500	2452	250	\$ -
Petition to Revive - Unintentional	1453	1,500	2453	750	\$ -
Utility Issue Fee	1501	1,400	2501	700	\$ -
Design Issue Fee	1502	800	2502	400	\$ -
Plant Issue Fee	1503	1,100	2503	550	\$ -
Reissue Issue Fee	1511	1,400	2511	700	\$ -
Publication Fee	1504	300	1504	300	\$ -
Statutory Disclaimer	1814	130	2814	65	\$ -

(cont.)

Description (cont.)	Large Entity		Small Entity		Paid
	Code	(\$)	Code	(\$)	
Recording each Assignment	8021	40	8021	40	\$ -
Submission of IDS	1806	180	1806	180	\$ -
Request for Cont. Examination (RCE)	1801	790	2801	395	\$ -
Filing Submission After Final	1809	790	2809	395	\$ -
Surcharge - late filing fee or oath	1051	130	2051	65	\$ -
Surcharge - late provisional fee	1052	50	2052	25	\$ -
Non-English Specification	1053	130	1053	130	\$ -
Processing Fee 37 CFR 1.17(q)	1807	50	1807	50	\$ -
Request for Ex Parte Reexamination	1812	2,520	1812	2,520	\$ -
Request Pub. of SIR prior to action	1804	920	1804	920	\$ -
Request Pub. of SIR after action	1805	1,840	1805	1,840	\$ -
Each Add. Invention Examined	1810	790	2810	395	\$ -
Expedited Examination (Design)	1802	900	1802	900	\$ -
Unintentionally Delayed Priority Claim	1453	1,370	1453	1,370	\$ -
Certificate of Correction	1811	100	1811	100	\$ -
Maintenance Fees 3.5 years	1551	900	2551	450	\$ -
Maintenance Fees 7.5 years	1552	2,300	2552	1,150	\$ -
Maintenance Fees 11.5 years	1553	3,800	2553	1,900	\$ -
Surcharge - Late Payment 6 mos.	1554	130	2554	65	\$ -
Other fee					\$ -

Additional Fee Subtotal 4 \$ -

### METHOD OF PAYMENT (Check all that apply)

☐ Credit Card (Provide credit card information and authorization on PTO-2038)

☒ Deposit Account No.

10-0233-GEAE-0032-UTY

For the above-identified deposit account, the Director is hereby authorized to:

☐ To charge the above-identified fee.

☒ To charge any additional fees which may be required under 37 CFR 1.16, 1.17, 1.18, 1.20 and 1.492 or credit any overpayment to the deposit account number listed above.

Submitted by:

Name Eric W. Gutttag Reg. No. 28,853  
Firm Jagtiani + Gutttag  
Address 10363-A Democracy Lane, Fairfax VA 22030  
Telephone 703.591.2664 Fax 703.591.5907

*Eric W. Gutttag*

Signature

February 10, 2006

Date